

**The
Sangamon County
Multi-jurisdictional
Natural Hazards
Mitigation Plan
August 2008**

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The motivation

Why mitigate?



Protect Lives and Property

Disaster Mitigation Act of 2000 (DMA2K):

- Federal legislation regarding funding for disaster-related mitigation projects
- Implemented through the Federal Emergency Management Agency
- Requires pre-disaster planning as of November 1, 2004
- Planning grants available

Participants

Who had a stake in the Plan - Communities



Auburn	Illioopolis	Sherman
Buffalo	Jerome	Southern View
Cantrall	New Berlin	Springfield
Chatham	Pawnee	Thayer
Curran	Pleasant Plains	Williamsville
Dawson	Riverton	Sangamon County
Divernon	Rochester	Springfield Park District

Participants

Who also participated – Other Task Force Members



Abraham Lincoln Capital Airport
Ameren
American Red Cross
CWLP- Water Division
IL Emergency Management Agency
Mid-Illinois Medical District
Regional Planning Comm.
Rural Electric Convenience Coop
S.C. Dept. of Public Health
S.C. Dept. of Zoning & Bldg Safety
Sangamon County Farm Bureau
S.C. GIS Dept.

S.C. Highway Dept.
S.C. Office of Emergency Management
Secretary of State
Springfield Bldg. & Zoning Dept.
Springfield Area Home Builders Assoc.
Springfield Mass Transit District
Springfield Metro Sanitary District
Springfield School District 186
State of IL – Central Management Services
State of IL – Dept. of Agriculture
University of Illinois at Springfield
Citizens

DMA2K

How does it direct creation of the plan?



- Step 1 Organization
- Step 2 Risk Assessment
- Step 3 Mitigation Strategy
- Step 4 Plan Maintenance
- Step 5 Adoption
- Step 6 FEMA Approval

Step 1 Organization

Adopting a mission statement.



The mission of the Sangamon County Multi-jurisdictional Natural Hazards Mitigation Plan Task Force is to reduce the impact of natural hazards on citizens, infrastructure, private property, and critical facilities through a combined effort of communities, institutions, and citizenry to develop a mitigation action plan that will be adopted and implemented by each participating community.

Step 1 Organization

Establishing participation requirements.



1. Attend a minimum of 4 meetings (2/3 of 6 total).
2. Submit a list of community documents.
3. Confirm hazards that affect community.
4. Submit a description of critical facilities at risk.
5. Submit a description of land use patterns.
6. Develop goals for the community.
7. Develop mitigation actions for the community.
8. Prioritize mitigation actions.
9. Host opportunities for public involvement.
10. Review and comment on draft plan.

Step 1 Organization

Public participation.



- ❖ Plan website
- ❖ Citizen survey
- ❖ Poster
- ❖ Press releases
 - Five newspaper articles
 - Three radio interviews
- ❖ Task force meetings
- ❖ Presentations
- ❖ Public meeting notice

Step 2 Risk Assessment

Natural hazards identified.



Starting point – the Illinois Hazard Mitigation Plan:

- Tornadoes
- Severe storms
- Severe winter storms

- Extreme heat
- Drought
- Flooding
- Earthquakes

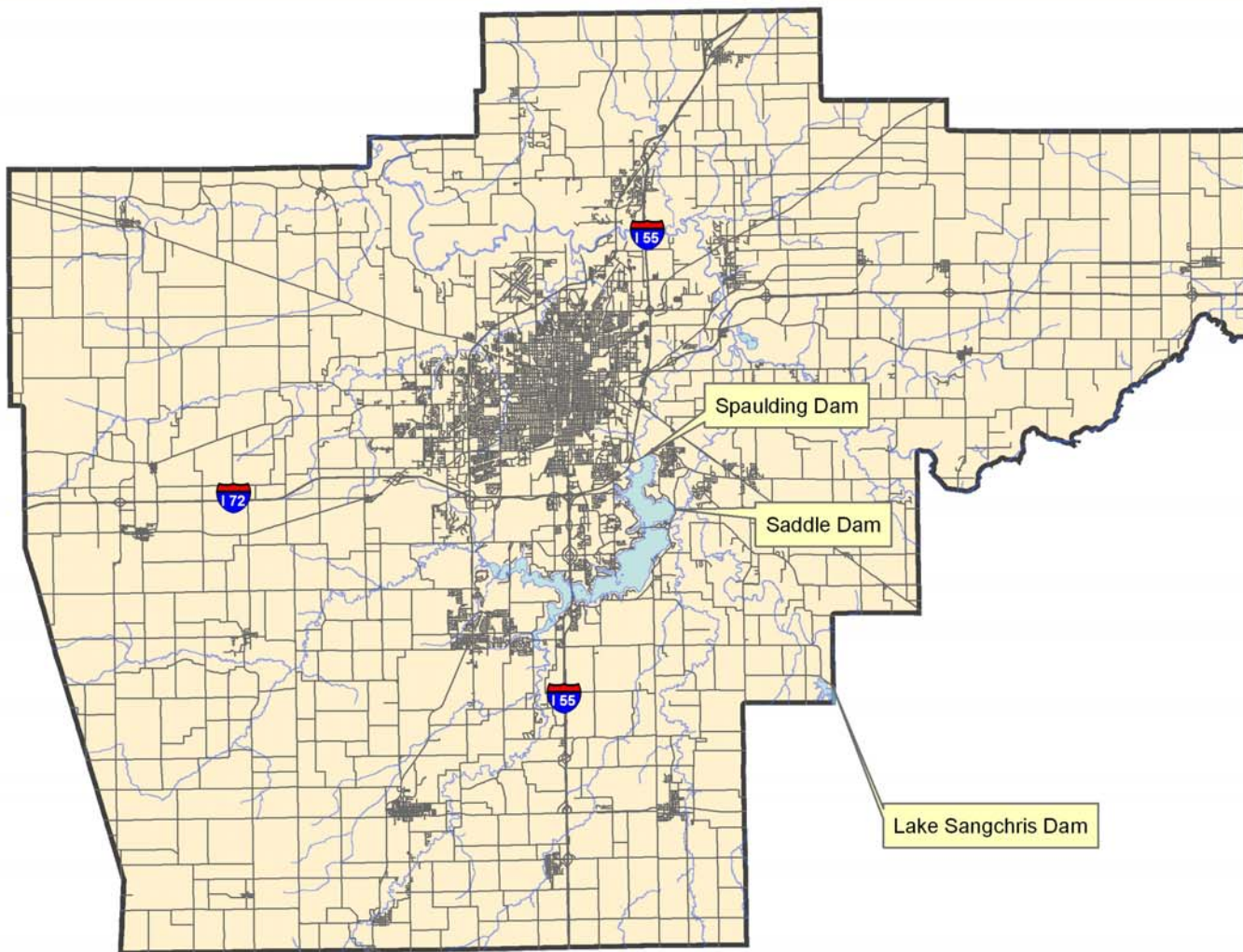
- Added by Task Force –
 - Dam failure
 - Mine subsidence

Step 2 Risk Assessment

How vulnerable are we?



- Identify natural hazards affecting each community
- Profile hazard events
- Identify assets
- Estimate potential losses



0 2.5 5 Miles

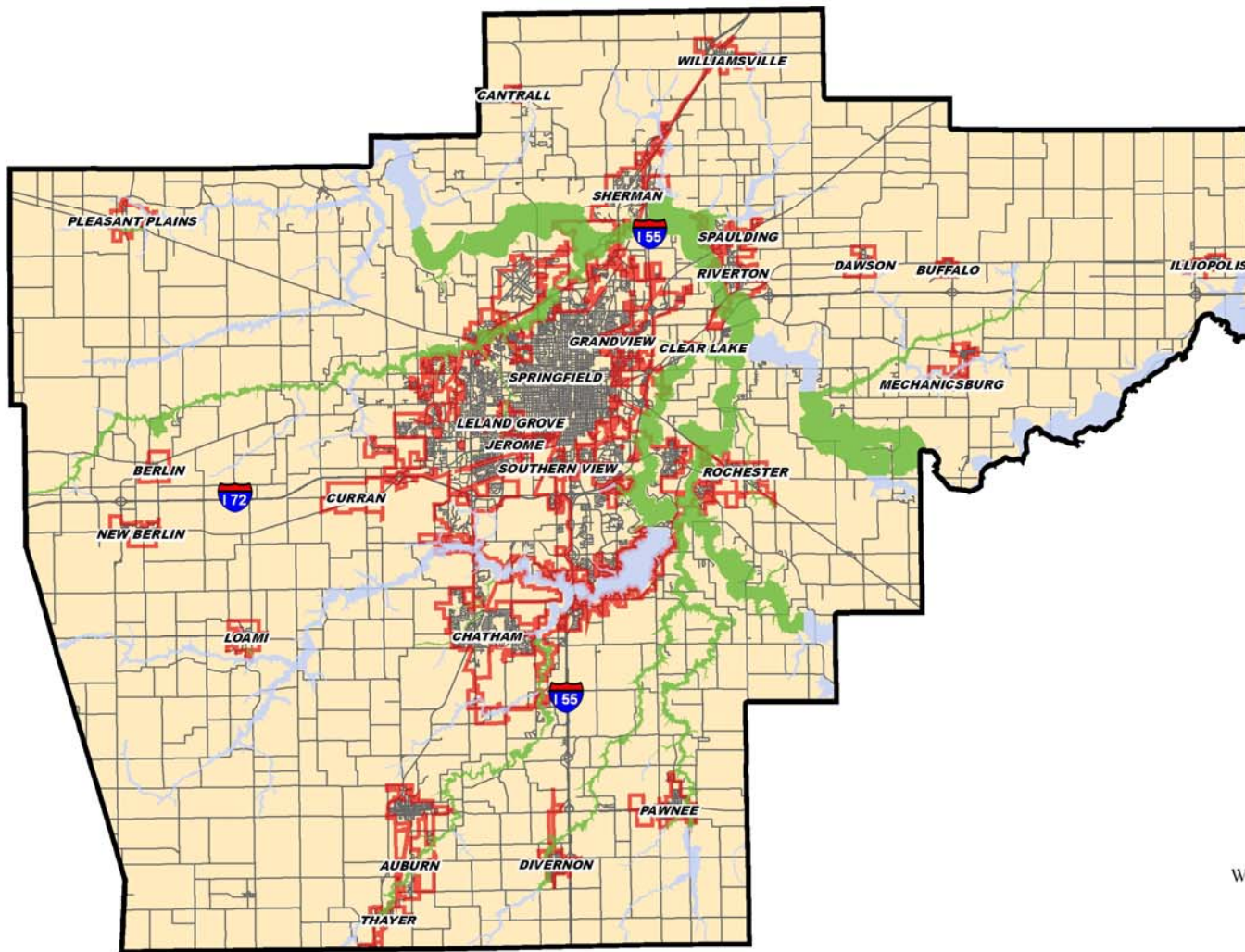
1 inch equals 5 miles



Dams Affecting Sangamon County



Springfield
Sangamon County Regional
Planning Commission

Data Source:
Sangamon County GIS



-  A - No Base Flood
Elevations Determined
-  AE - Base Flood
Elevations Determined

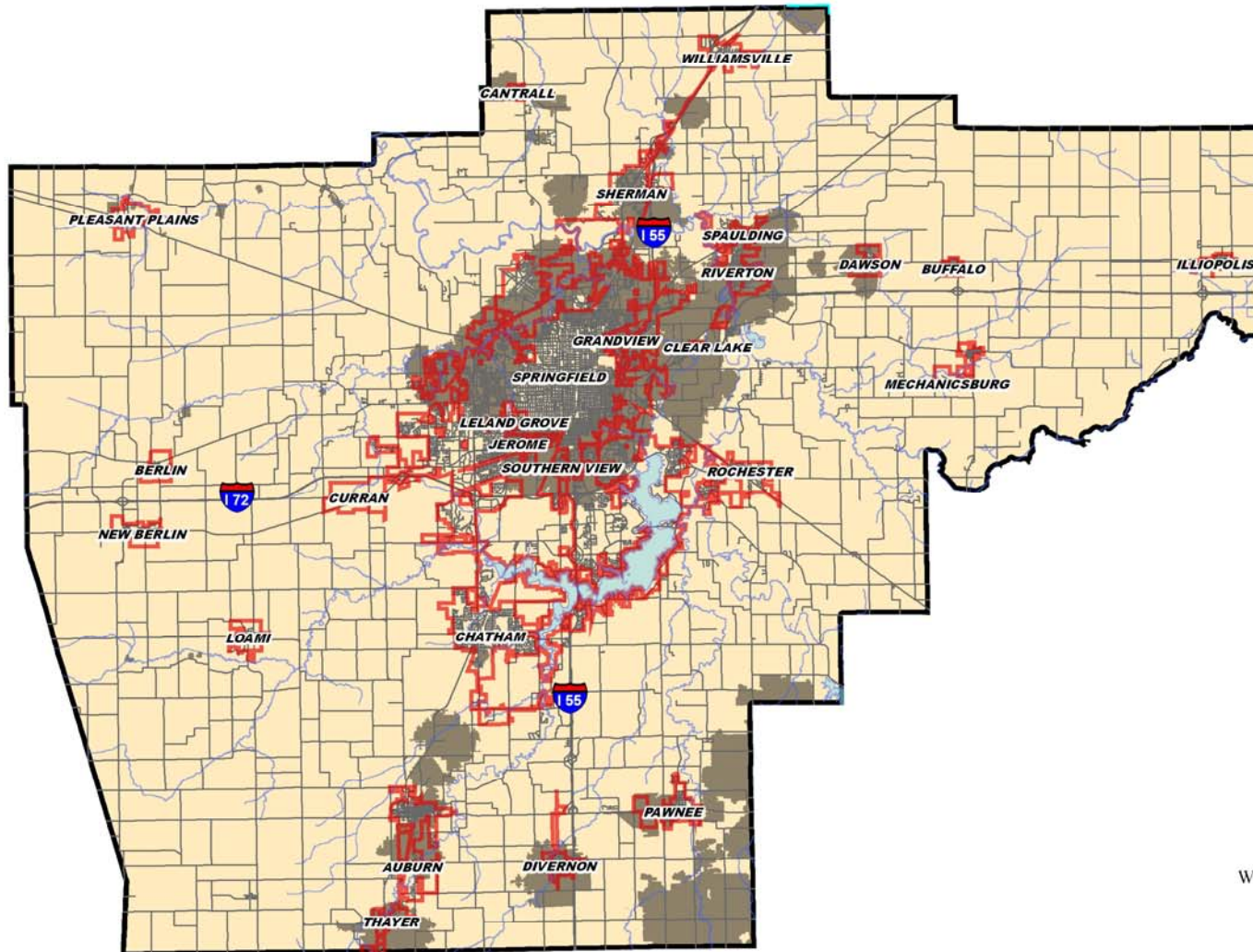
Floodplain - 1% Annual Flood Chance Sangamon County

0 2.5 5 Miles

1 inch equals 5 miles

ISCCPC Springfield
Sangamon County Regional
Planning Commission

Data Source:
Sangamon County GIS
FEMA



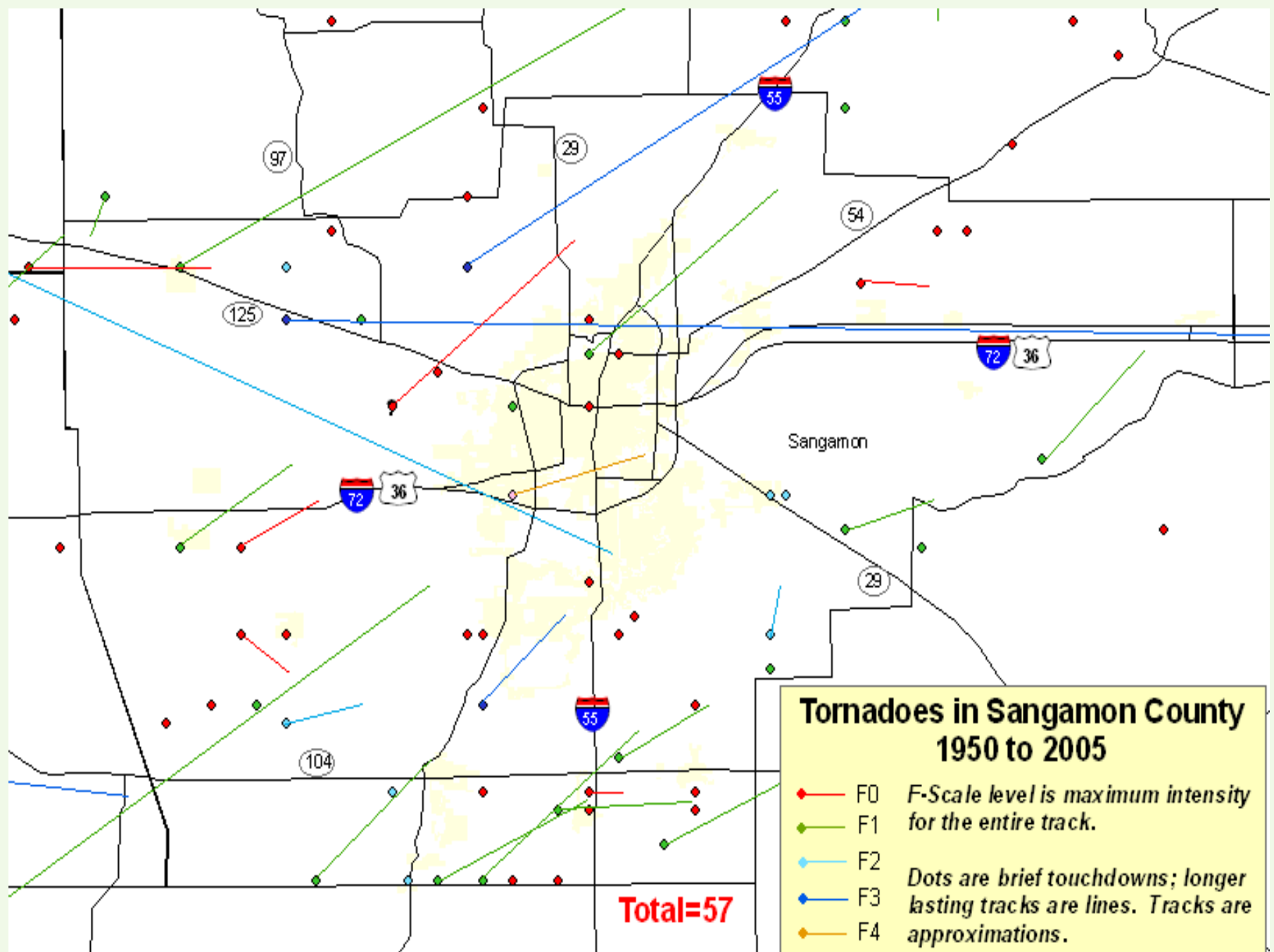
Coal Mines in Sangamon County as Identified by the Illinois State Geological Survey

- Corporate Limits
- Undermined Areas

0 2.5 5 Miles
1 inch equals 5 miles

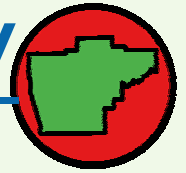
ISGERS
Springfield
Sangamon County Regional
Planning Commission

Data Source:
Sangamon County GIS
Illinois State Geological Survey



Step 3 Mitigation Strategy

What can be done to make our communities safer?



- Developed hazard mitigation goals & objectives.

“During a natural hazard event a prepared community is a place where ...”

- Developed an action plan of mitigation activities.
- Prioritized mitigation activities.

Step 4 Plan Maintenance

How do we assure the plan doesn't just sit on a shelf?



- Monitoring, evaluating, and updating the plan within a 5 year cycle
- Work group established
- Continuing public involvement

Step 5 Adoption

What makes the plan official?



- During August 2008 all participating communities adopted the Final Plan.

The final step in plan development was formal adoption of the plan by the governing bodies of each participating community.

Step 6 FEMA Approval

Formal recognition of the Plan.



- The draft plan was submitted to FEMA for review in mid-May 2008.
- Verbal confirmation of preliminary approval by FEMA was received in late July.
- August 20 letter from FEMA confirmed that formal approval of the Plan is contingent upon adoption by the communities.
- All participating communities and the Springfield Park District are now eligible to apply for Hazard Mitigation Grant Program funds.